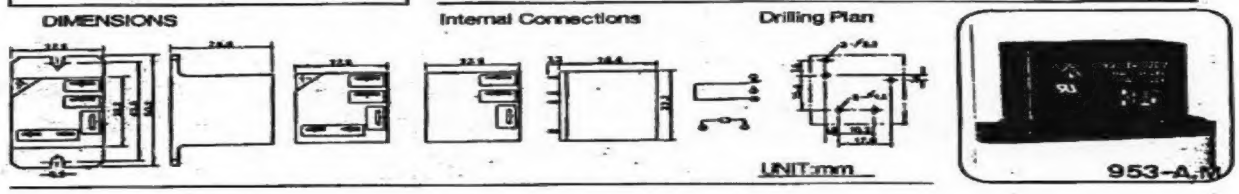
Jameco Part number 137365

# Relays 30A Miniature Heavy Duty Relay




- **SPECIFICATIONS**

## *CONTACT*

| | |
|---|---|
| • *Arrangement* | *1A, 1B, 1C* |
| • *Material* | *AgCdO* |
| • *Resistance(Initial)* | *Max 50m O* |
| • *Ratings(resistival)* | *1A 30A 240V AC 20A 28VDC* |
| *Nominal Load* | |
| | *1B 15A 240V AC 10A 28VDC* |
| | *1C No:20A 240VAC 10A 28V DC* |
| | *Nc:10A 240VAC 10A 28VDC* |
| *Max. Switching Power* | *7200VA, 840W* |
| *Max. Switching Voltage* | *240V AC 28VDC* |
| *Max. Carrying Current* | *30A* |
| • *Life Expectancy* | |
| *Mechanical* | *1 X 10' operations* |
| *Electrical* | *1 X 10' operations* |

## COIL DATA AT 20 °C

| COIL TYPE | Nominal Voltage DC | Coil Resistance ± 10% Ù | Nominal Current mA | Pick-Up or Below Volts | Drop-Out or Above Volts |
|---|---|---|---|---|---|
| | 5 | 27 | 185 | | |
| | 6 | 40 | 150 | | |
| | 9 | 97 | 93 | | |
| | 12 | 155 | 77 | | |
| | 18 | 380 | 47 | | |
| | 24 | 660 | 38 | | |
| DC | 48 | 2560 | 19 | 75% | 10% |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

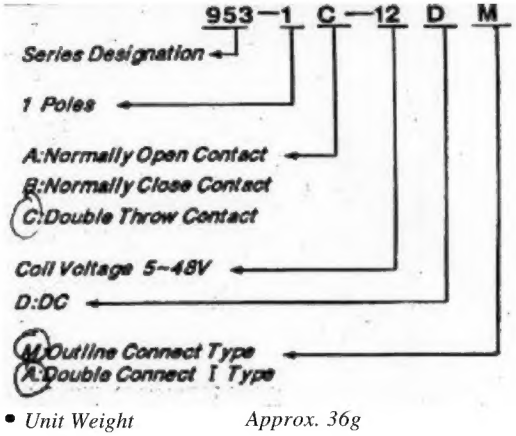
- **Max Allowable Voltage *110%***

## *COIL*

| | |
|---|---|
| • *Nominal Voltage* | *5 ~ 48VDC* |
| • *Nominal Power (at 20 °C)* | *0.9W* |
| • *Operate Power (at 20 °C)* | *0.5W* |
| • *Operate & Release Voltage* | *Please see Coil Data Chart* |

## *GENERAL*

| | |
|---|---|
| • *Insulation Resistance* | *500 M Ù at 500 VDC* |
| • *Dielectric Strength* | *1500 V AC 1 minute (between open contact)* |
| | *2500 V AC 1 minute (between all conductors)* |
| • *Temperature Range (at nominal voltage)* | *55 °C~+ 85 °C* |
| • *Time Value (at nominal voltage)* | *Operate:Max.15ms* *Release:Max.15ms* |
| • *Vibration Resistance* | *10 to 55 Hz,* |
| *Unerring* | *double amplitude of 1.5mm* |
| *Destructive* | *10 to 55 Hz,* *double amplitude of 1.5mm* |
| • *Shock Resistance* | |
| *Unerring* | *10G (11 ± 1 ms)* |
| *Destructive* | *100G ( 5 ± 1 ms)* |




- *Unit Weight* *Approx. 36g*

**UL FILE NO:**